

Converting Colors

YUV(80.4020, 13.6058,
-24.0316)

Have a look what the booklet for
YUV(80.4020, 13.6058, -24.0316)
contains.

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Color

**YUV(80.4020, 13.6058,
-24.0316)**

Conversions

Conversions Part 1

Format	Color
Hex	35596C
RGB	53, 89, 108
RGB Percent	21%, 35%, 42%
CMY	0.7922, 0.6510, 0.5765
CMYK	0.51, 0.18, 0.00, 0.58
HSL	201°, 34%, 32%
HSV	201°, 51%, 42%
XYZ	7.7474, 8.9844, 15.5132
YIQ	80.4020, -27.5550, -1.7230

Conversions

Conversions Part 2

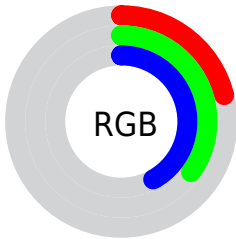
Format	Color
RYB	53, 75, 108
Decimal	3496300
CIELab	35.95, -7.15, -14.88
CIElCh	36, 16.510, 244.342
Yxy	8.9844, 0.2403, 0.2786
Android (android.graphics.Color)	4281686380 (0xFF35596C)
YUV	80.4020, 13.6058, -24.0316
Hunter-Lab	29.9739, -6.3175, -9.7042

Details

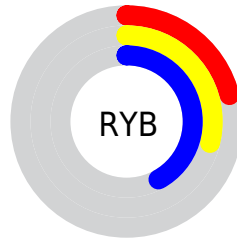
The YUV color **80.4020, 13.6058, -24.0316** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80.5980, -13.6058, 24.0316**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5160, 14.0426, -24.1315**, and **32.7820, 13.9115, -28.7498** is the 20% darker color. If you saturate the color by 10%, you get **74.7650, 16.3849, -28.7349**, and if you desaturate by 10%, it is **86.0390, 10.8268, -19.3282**.

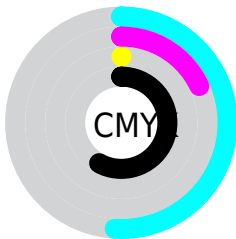
Distribution



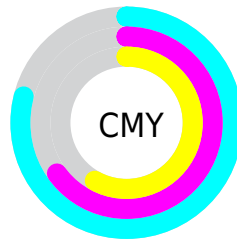
- Red (21%)
- Green (35%)
- Blue (42%)



- Red (21%)
- Yellow (29%)
- Blue (42%)



- Cyan (51%)
- Magenta (18%)
- Yellow (0%)
- Black (58%)



- Cyan (79%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.4020, 13.6058, -24.0316 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 80.4020, 13.6058, -24.0316 by changing the saturation by 10% instead.

80.4020, 13.6058,
-24.0316

80.4020, 13.6058,
-24.0316

255.0000, 0.0000,
0.0000

56.6900, 13.4638,
-25.1611

130.5160, 14.0426,
-24.1315

32.7820, 13.9115,
-28.7498

156.6300, 14.4794,
-24.2315

17.9470, 10.3791,
-15.7395

183.7440, 14.9162,
-24.3315

2.6390, 7.5730,
-2.3144

211.8580, 15.3530,
-24.4315

0.0000, 0.0000,
0.0000

238.6210, 8.0748,
-23.3466

250.5150, 2.2111,

-9.2217

■ 80.4020, 13.6058,
-24.0316

■ 80.4020, 13.6058,
-24.0316

■ 74.7650, 16.3849,
-28.7349

■ 86.0390, 10.8268,
-19.3282

■ 69.7150, 18.8745,
-33.9531

■ 91.0890, 8.3371,
-14.1101

■ 64.3770, 21.5061,
-38.0416

■ 96.4270, 5.7055,
-10.0215

■ 58.7400, 24.2852,
-42.7450

■ 102.0640, 2.9264,
-5.3181

■ 53.9890, 26.6274,
-47.3484

■ 107.7010, 0.1474,
-0.6148

■ 112.7510, -2.3422,
4.6034

■ 118.3880, -5.1213,
9.3067

■ 123.7260, -7.7529,
13.3953

■ 129.3630,
-10.5320, 18.0986

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8590, 10.4225, -29.6943



80.4020, 13.6058, -24.0316



83.7780, 13.4204, -11.2063

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.4020, 13.6058, -24.0316



86.6760, -1.8123, 21.3321



82.0460, -9.8827, -3.5483

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80.4020, 13.6058, -24.0316



80.5980, -13.6058, 24.0316

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4280, -12.5360, 7.5176



80.4020, 13.6058, -24.0316



85.4820, -7.6326, 21.5023

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.4020, 13.6058, -24.0316



86.9400, 4.4666, 14.0846



85.0100, -11.8369, 16.6542



80.5760, -3.7350, -15.4142

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.4020, 13.6058, -24.0316



85.3770, 11.6461, -2.0846



85.0100, -11.8369, 16.6542



82.7260, -11.2039, 0.2403

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80.4020, 13.6058, -24.0316



129.6120, 5.1213, -9.3067



87.3370, -8.0541, -30.1135



65.0640, 2.9264, -5.3181



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.4020, 13.6058, -24.0316



97.5620, 20.9219, -37.3269



64.5530, 21.4194, -10.1320



51.0320, 1.4632, -2.6591



58.5370, 28.8223, -51.3369



121.8500, 60.7129, -106.8624

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73.5490, 7.6173, 30.2135



86.7990, 11.9311, 46.6573



96.4470, -21.4194, 10.1320



50.2500, 0.8628, 3.2887



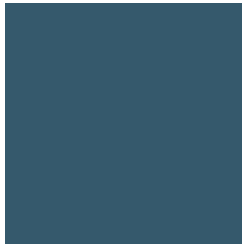
43.7610, 16.3868, 64.2306



91.4950, 33.7730, 134.6239

Previews

White Background



This preview shows how the YUV color 80.4020, 13.6058, -24.0316 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 80.4020, 13.6058, -24.0316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

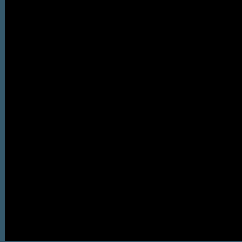
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 80.4020, 13.6058, -24.0316

Background



This preview shows how black text looks on a background with the YUV color 80.4020, 13.6058, -24.0316.

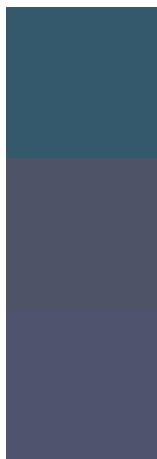


This preview shows how white text looks on a background with the YUV color 80.4020, 13.6058,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80.4020, 13.6058, -24.0316

Protanopia

84.1980, 9.7624, -4.5586

Deuteranopia

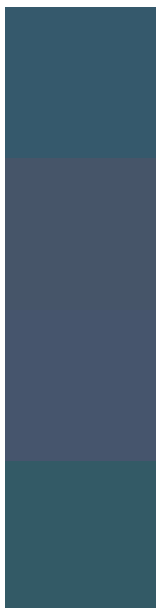
84.7680, 11.9464, -5.0585



Tritanopia

79.5390, 9.1013, -25.9057

Trichromacy



Original Color

80.4020, 13.6058, -24.0316

Protanomaly

82.7950, 10.9471, -11.2212

Deuteranomaly

83.2510, 12.6943, -11.6211

Tritanomaly

79.7070, 10.9904, -25.1760

Monochromacy



Original Color

80.4020, 13.6058, -24.0316

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9110, 4.9739, -8.6919

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4020, 13.6058, -24.0316 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(53, 89, 108)` looks like.

```
.text, #text, p{  
    color:rgb(53, 89, 108)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(53, 89, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 89, 108) }
```

Border

The CSS property to change the border of an element to YUV 80.4020, 13.6058, -24.0316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(53, 89, 108) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(53, 89, 108) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(53, 89, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 89, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 89, 108);  
box-shadow:4px 4px 4px 4px rgb(53, 89,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 80.4020, 13.6058, -24.0316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 89, 108) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(53, 89,  
108) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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